The DX Bulletin

• *America's Oldest Weekly Amateur Radio Publication* •

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20, 40 Meters are king in 1985 CQ CW Contest

JUST ONE YEAR away from the sunspot minimum, it is almost incomprehensible that a record could be set in the CQ Worldwide CW Contest this year, but that is exactly what has happened. John Dorr, K1AR, operating from the K1GQ station in southern New Hampshire, has apparently set a single operator mark of about 3.4 million points.

Consider that 10 Meters was almost completely worthless ... the multi-transmitter stations in the 'States only worked about a dozen contacts on 10. Consider that workhorse 15 Meters only produced about two hours of openings to Europe from the East Coast each morning of the Contest (and no opening at all to Japan). Consider that this forced almost everybody down to 20 Meters, making the band very crowded.

Yet the record was broken! One big help was a number of expeditions. Of those listed in our last issue, almost all appeared as promised; the ones we couldn't find were P49 (no matter, PJ2FR was on), 4U1ITU, ZK3RW, AH8 by W6OSP, and KC6 W. Carolines.

The K1GQ station, from which the record was set, is "big," but not the biggest. Owner Bill Myers has been described as having a "golden touch" when it comes to human/station engineering. A TS-930S is used, along with a central processor and separate amplifiers for each band. Hit the band button on the TS-930S, and you are instantly there, with amplifier and (choice of) antenna.

Of course, the New Hampshire location helps. Another station, in Indiana and similarly engineered, was simply out of the running, a full 1,000 contacts behind K1AR. The Indiana operator says his biggest hang-up is that there is no local (Midwest) competition. "No one else around here is stupid enough to try to fight the geographical advantage enjoyed on the East Coast," he says.

Incidentally, K1AR had the top U.S. single-op phone score in the CQ WW Contest in October, operating from his home station.

Here is the winning K1AR breakdown, in order of contacts/zones/countries:

160:	63/11/31
80:	333/19/68
40:	623/30/89
20:	982/33/97
15:	438/23/72
10:	4/4/4

A few other contest notes ... we made a point of listening for the 48-element 20 Meter array of OH8OS. The signal from there was the first in and last out on 20 from Europe, amazing considering how far north the station is located. And apparently the aerial works both ways, as operator OH6UM was working W stations on 20 we couldn't hear, even on backscatter or otherwise.

Both BY1PK and BY4AA were on 40, workable for much of North America. HS0A was very workable on 20. One single-band 40 Meter operator in the Boston area reportedly worked 120 countries. 40 was so good that from the Northeast Europeans were worked starting as early as 1800Z, and as late as 1400Z the following morning. 160 was poor Friday night but rebounded on Saturday. ZM8OY called CQ with few takers on 15 CW both days. D44BC with N6TJ operating almost pinned the S Meter on some bands. And on and on.

All in all, not a bad performance for the old bands with a solar flux of 75 on Saturday and 74 on Sunday!

PROPAGATION: Nov 29, 30, Below Normal; Dec 1, Low Normal; Dec 2, High Normal; Dec 3, Low Normal; Dec 4, High/Low Normal; Dec 5, High Normal; Dec 6, 7, Low Normal; Dec 8, 9, High Normal; Dec 10, Below Normal; Dec 11, 12, Low Normal; Dec 13, High Normal; Dec 14-16, Low Normal. TNX N4XX.

Flux (80)	Flux (81)	Flux (82)	Flux (83)	Flux (84)	Date	Flux ----1985----	A	K
212	196	161	93	74	11/15	86	12	3
195	185	167	93	75	11/16	81	10	3
189	177	162	93	72	11/17	79	8	0
179	167	176	88	73	11/18	79	12	2
177	161	187	86	73	11/19	78	18	3
166	156	193	84	74	11/20	78	5	3
166	155	206	82	77	11/21	76	5	3

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NOTES

• On the subject of contests, we have learned of the death, on Oct 5, of Tom Peruzzi, W4BVV. His station was one of the stalwarts of the multi-multi class in contests in the 1970s.

• IARU has decided to change the name of its July activity from the Radiosport to the "IARU HF Championship;" new rules allow 24 hours of operating out of 48, with a bonus for working the various headquarters stations of the IARU national societies; probably no other changes.

• Both the Netherlands Antilles and Aruba just held early parliamentary elections last week, as Aruba moves toward independence. Aruba will have separate status within the "Kingdom of the Netherlands" on Jan. 1, with full indepencence slated for 1996. Separate country status for DXCC should come on Jan. 1.

• The FOC (First Class CW Operator's Club) has, by definition, a maximum of 500 current members, not 1,000 as we said recently. Apparently, whether FOC starts counting contacts on 30 and 12 Meters for their awards is a hot topic in the group, some wanting to do a good deed by helping populate the new bands, others not wanting FOC to appear "awards-happy."

GOT THEM ALL

Three DXers (left to right) W4GTS, K4EZ, and W4BFR, got together for this shot at DXPO Atlanta '85; all three of them are at the top of the DXCC Honor Roll.

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CONTRIBUTORS

K3RR, JA1AAT, KA1SR, KA1BU, K1KTB, W4VQ, K1MEM, K1KI, K1AR, W1OD, K1XA, W1AX, KM9J, KE7X, K4BAI, KD7SO, W0IJR, KA0CDN, AA4FL, N1ACH, W1CYB, W8CT, K1LPS, N4NO, KB8KW, K6IR, K0CVD.

ALL-TIME BAND COUNTRY TOTALS

CURRENT DXCC COUNTRIES ONLY

	160	80	40	20	15	10	TOTAL
W9ZR	157	271	289	316	307	288	1628
OH1XX	136	278	288	313	308	284	1607
N4KG	144	261	286	313	301	291	1596
G3KMA	118	227	292	316	314	300	1567
K1MM	157	246	276	305	296	281	1516
K1MEM	154	214	263	307	290	259	1487
OH3YI		261	276	316	312	289	1454
G3MCS	48	202	253	320	322	306	1452
OH2BU	13	244	276	312	300	280	1425
G3GIQ	63	194	246	312	312	294	1421
OH3SR	43	194	262	315	310	292	1416
W3AP	120	185	238	314	280	244	1381
W1JR	130	195	226	311	262	243	1367
G4DYO	57	164	216	307	300	282	1326
G3XTT	111	182	212	275	273	244	1297
W1AX	88	175	238	311	256	228	1296
G3UML	29	204	217	314	283	243	1290
I4ZSQ/PH	34	183	218	314	283	255	1287
KM1H	94	241	243	275	239	171	1263
W8UVZ/CW	53	156	268	286	244	215	1222
GM3YOR/CW	61	105	147	198	189	175	875

INCLUDING DELETED COUNTRIES

N4WW	171	260	295	335	314	301	1676
W9ZR	157	277	295	327	320	296	1672
N4KG	144	267	295	328	314	297	1645
K2FL	72	249	293	342	317	311	1584
OH3YI		265	280	331	326	296	1498
G4DYO	57	164	216	311	303	285	1336
W8UVZ/CW	53	158	270	286	244	215	1241
W1WAI	120	177	233	276	211	169	1180
W9DH		64	184	332	306	263	1149
W4BAA	82	137	160	340	196	184	1100
W9DH/CW		58	180	295	280	216	1029
W9DH/F		18	54	279	286	248	885

160 METERS

4X4NJ 1824 2140 17 MA
4X4NJ 1832 2234 15 RI
9J2JN 1835 0334 16 RI
9J2JN 1835 0339 15 NH
CT3/DF4ZH 1834 2306 16 RI
CT3/DF8ZH 1833 0513 14 MA
CT3/DL1RK 1831 0600 17 MA
CY0SAB 1840 0200 20 RI
EA8VY 1852 0625 15 MA
EI9J 1832 2150 17 MA
GI4GPC 1837 0737 15 VT
GM3WTA 1832 0705 13 MA
HH7PV 1845 0125 13 VT
HK1AMW 1825 0106 18 FL
HK1AMW 1824 2345 15 MA
HK1AMW 1824 1050 17 MA
J37AH 1826 2315 12 VT
KH6CC 1896 1140 12 VT
LX1BR 1834 0509 14 RI
LX1BR 1840 0535 14 MA
PT7BZ 1832 0347 16 RI
PY1MAG 1834 0805 15 VT
PY1MAG 1833 0519 17 RI
RA9AKM 1834 0312 16 RI
RT4UA 1832 0526 15 VT
RT5UY 1834 0455 14 MA
RZ3DF 1834 0520 14 MA
SV0AA 1834 0445 14 MA
SV0AA 1836 0520 15 MA
TG9NX 1824 0718 17 VT
UB5EAQ 1834 0455 14 MA
UB5ZAL 1834 0456 14 MA
UD6DHC 1835 0148 20 RI
UD6DKW 1829 2140 14 MA
UT5AB 1831 0510 15 MA
UY5OO 1831 0444 15 FL
VP9AN 1814 1005 14 VT
VU2GI 1833 0120 20 RI
ZB2FK 1848 0642 14 VT
ZD7CW 1826 2330 14 VT
ZD7CW 1826 2315 14 MA
ZL1BEK 1825 0820 15 VT
ZM8OY 1835 0750 9 NH
ZP5JCY 1845 0100 13 VT
ZS6DN 1827 0312 15 RI

80 METERS

4X4VL 3799 0153 8 WY
5W1CW 3503 1124 16 FL
(ZL1AMO)
EA6BD 3503 0700 13 MA
J28EI 3501 0150 17 FL
JA4DND 3799 1144 16 NH
KH6CF 3501 1116 18 FL
KX6DS 3506 1130 17 MA
SV1DO 3501 0511 16 AL
TI5EWL 3796 1116 16 NH
V3FB 3799 1118 16 NH
VK6IR 3798 1343 16 WY
VS6/ON5OS 3796 2307 19 RI
YN1TA 3799 1100 16 NH
ZK1XT 3503 1200 22 PA
ZS5MY 3503 0300 20 OR
ZS6DN 3787 0224 17 WY

40 METERS

4K1ZZ 7002 2240 15 FL
4X4VL 7005 2326 20 IL
8P9AG 7011 2325 16 FL
9M2FZ 7012 125 17 OR
9N1MM 7005 2315 19 MA
C56/OH2BEN 7001 2310 15 FL
CE3DNP 7008 0032 19 FL
CE3IAP 7006 0150 15 FL
CO2VG 7012 0345 15 MI
CT3/DF4ZL 7004 0510 13 AL
CT3/DF8ZH 7004 0025 16 FL
CT3/DH8ZH 7004 0250 16 AL
CV0D 7004 0225 18 FL
(VIA CX1AA)
CY0SAB 7003 2335 18 MN
EA6FD 7011 2210 17 FL
EA8ABR 7004 0508 13 AL
EA8AGF 7007 0030 15 FL
EA8BIX 7009 0027 16 FL
EA8BJU 7024 0051 15 AL
EA8QO 7006 2229 16 FL
EA9KQ 7009 0228 18 FL
FO8BI 7001 0430 18 PA
FO8BI 7001 0435 18 OR
FP5HL 7008 0009 16 FL
FS/FG5DL 7006 0029 19 FL
FT8XA 7001 0236 13 MI
FT8XA 7003 1300 13 PA
FT8XA 7013 1246 15 AL
H44IA 7002 1201 13 PA
J20A 7004 0030 13 PA
LX/DK3VH 7003 2300 17 FL
PZ1DT 7007 0026 16 FL
TA1MX 7003 0148 12 PA
TU2JT 7009 0645 17 PA
UD6DKW 7005 2206 17 FL
UF7FWW 7007 1300 13 FL
UF7FWW 7002 0015 17 PA
UI8OAA 7007 1216 18 AL
UI8OAA 7009 1226 12 AL
UL7EZ 7006 1234 19 MN
UL7EZ 7006 1300 15 PA
UL7EZ 7006 1155 22 PA
UL7EZ 7011 1246 12 AL
UL7PBT 7005 1133 16 FL
UO5GQ 7012 2249 17 AL
VS6DO 7002 1217 17 MN
VS6DO 7002 1215 13 AL
VU2TEC 7005 1232 17 MN
VU2TEC 7007 1236 15 AL
VU2TEC 7004 1237 13 PA
VU2TEC 7005 1245 14 PA
VU2TEC 7005 1230 20 PA
VU2TEC 7008 1250 21 PA
VU2TEC 7011 1230 19 MN
YB0AV 7006 1417 17 OR
YB0TK 7004 1130 16 FL
YC0EAW 7004 1216 16 FL
YS1OD 7015 0139 19 FL
Z23JO 7006 0320 21 PA
ZK1XT 7026 1215 21 MA
ZS3/W6QL 7007 2243 15 FL
ZS5DE 7002 0320 18 OR

20 METERS

4K1C 14002 1545 16 OR
4Z4XB 14243 1535 9 WY
5H3BH 14195 1900 21 MA
5H3CE 14183 1917 14 NH
5H3CE 14183 1830 18 PA
5L2AK 14191 2037 16 MN
5L2ED 14183 1808 13 NH
5L2EQ 14025 2107 13 MI
5T5SR 14198 2039 21 MA
5V7RW 14198 2127 14 MA
5X5GK 14183 1845 14 NH
5X5GK 14183 1915 21 MA
5X5GK 14190 1950 16 NH
5Z4MR 14183 1831 16 MN
5Z4MR 14183 1900 15 RI
5Z4MR 14183 1923 14 NH
5Z4MR 14227 1940 13 NH
6W1AE 14010 2035 13 MI
6W1CK 14183 2000 12 NH
6W1CK 14227 1939 13 NH
6W2EX 14183 1800 22 PA
7P8CI 14183 1840 22 PA
9H1GY 14227 1658 13 NH
9J2LG 14204 2006 16 NH
9N1MM 14026 0750 19MA
9Q5MA 14183 1945 10 PA
9X5WP 14227 1838 14 NH
BV0CRA 14191 2330 15 PA
BV2DA 14010 0020 19 MT
BV2FA 14227 2336 15 NH
BY1QH 14227 2348 15 NH
BY5RA 14029 0125 19 OR
C53AL 14183 1844 15 RI
C53AL 14183 1945 10 PA
CE0ZIJ 14172 1233 18 AL
CN8ES 14028 1330 21 PA
DX1N 14028 2222 17 AL
EA6GC 14202 1401 18 RI
FM5DD 14015 2231 17 AL
FM5DD 14020 2244 18 FL
FM5WD 14024 2213 16 FL
FR4ZD 14195 1821 16 NH
FR4ZD 14195 1812 16 PA
FT8XB 14183 1930 16 MN
FT8XB 14183 1908 15 RI
FT8XB 14183 2000 15 NH
FT8XB 14183 2040 21 PA
FT8XB 14183 1800 22 PA
FT8XB 14183 930 20 PA
FY5BO 14030 2150 16 FL
GJ2LU 14226 1540 16 MN
HK0BKX 14034 1248 20 GA
HL1CG 14023 0015 17 MN
HL1CG 14023 0018 17 MI
HL9CW 14014 0021 17 MN
HP1XHY 14028 2200 16 FL
HV1VO 14177 1723 11 MI
HZ1HZ 14028 1320 14 MA
IS0QDV 14015 1719 19 OR
J28EM 14183 1800 20 PA
J5WAD 14183 1945 10 PA
JW5E 14227 1546 12 NH
JY50CB 14217 1501 19 RI
JY50CI 14237 1341 18 RI
JY50IM 14249 1400 18 RI
JY50IM 14242 1517 9 WY
JY50MK 14217 1250 18 AL
LX1RD 14153 1314 13 AL
S79WHW 14183 1844 15 RI
S79WHW 14183 1800 22 PA
SV0AA 14022 1400 21 PA
SV5MBI 14205 1451 19 RI
SV5RW 14243 1528 9 WY
T32/K7EHI 14183 1855 18 MN
T32/K7EHI 14183 1800 22 PA
TFR3SZ 14021 1905 20 OR
TN8EE 14183 1928 12 NH
TN8EE 14183 1902 13 NH
TN8EE 14183 2000 11 PA
TR8DR 14175 2200 9 WY
TZ6FE 14227 2054 15 NH
TZ6FE 14227 2010 20 OR
VI3XB 14019 2134 12 MI
X5GK 14183 1824 13 NH
XT2BR 14191 2054 9 WY
ZD7XY 14183 1900 22 PA
ZP5LOY 14031 0240 16 AL

15 METERS

3B8CF 21205 1810 16 PA
5H3DM 21205 1628 16 AL
5H3HM 21207 1811 16 PA
5L2EQ 21020 1738 16 MN
5R8AL 21335 1620 18 RI
5T5CJ 21335 1638 18 RI
5T5RG 21285 1710 13 FL
6W1PC 21030 1300 16 FL
7P8CM 21258 1752 13 AL
7P8CM 21258 1730 13 FL
9H1EL 21270 1608 19 RI
9J2BO 21032 1713 10 PA
9J2LG 21217 1917 16 PA
9X5TW 21275 1907 13 NH
C56/OH2BEN 21025 1721 16 MN
C56/OH2BEN 21295 1801 16 MN
C56/OH2BEN 21025 1235 16 FL
C65/OH2BEN 21025 1704 16 PA
CE0FFD 21009 1650 10 PA
CN8MK 14270 1619 18 RI
CT3/DF8ZH 21026 1547 16 FL
CT3ET 21006 1726 16 MN
EA6HU 21203 1456 15 NH
EA8ANI 21240 1641 13 NH
EA9AM 21241 1644 13 NH
EA9KD 21024 1315 14 MA
EA9NN 21271 1455 15 NH
EC8AGM 21027 1554 16 FL
EC9IR 21210 1535 16 AL
HZ1HZ 21027 1600 10 PA
J28EI 21024 1300 14 MA
JY50CA 21260 1406 13 NH
JY50VQ 21211 1322 14 AL
JY50YJ 21267 1350 16 MA
LX1WH 21257 1336 13 AL
LX9CFL 21020 1242 16 FL
T77C 21023 1523 16 MN
T77C 21210 1617 16 AL
TA1MX 21031 1446 10 PA
UH8DC 21023 1400 16 MA
Z2/DJ7SB 21209 1417 16 AL
Z21AO 21335 1620 18 RI
Z21FN 21024 1600 16 FL
ZB2EO 21029 1526 16 MN
ZB2EO 21029 1635 16 PA
ZB2EO 21030 1600 16 FL
ZD7AL 21278 2050 11 MI
ZD7AL 21279 1928 11 FL
ZD7CW 21335 1636 18 RI
ZM8OY 21021 2200 23 CT
ZS3/W6QL 21004 1552 16 FL
ZS3E 21270 1611 16 RI

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CALENDAR

ISSUE 312

AFRICA	W6KG/W6QL active now as W6QL/ZS3; 7P8 next, then A2, 7P, 3D6, S8, ZE, 7Q, 9J, and CR8 as possibilities, through next April. QSL to YASME.
ANGOLA-D2	D2BCW reported 20, 15; no info
CHATHAM-ZL7	ZL7AA there on 10, 80 Meters
CHINA-BY	BY1QH, BY1SK active 20 SSB
CHRISTMAS-VK9X	VK9XJ try 14.170 at 1200Z
CONGO-TN	TN8EE still there; on both 20, 40
CYPRUS BASES	ZC4HMS, ZC4ESB active; ZC4MR on with W7PHO, 14.225 at 1600Z
E KIRIBATI-T32	T32AB on 20 SSB; K7EHI/T32 too
GUINEA-BISSAU-J5	J5WAD on 80, good signal; W6CNA has logs
KERGUELEN-FT8X	FT8XB, XA very active all bands;
KERMADEC-ZM8	ZM8OY on now to Dec 31
LIBERIA	Signing "5L" again this month
LORD HOWE-VK9	VK9NM by DJ5CQ until Feb, 1986
MALAGASY-5R	5R8AL back; try 20, 40 Meters SSB
PETER I ISLAND	Possible December by JF1IST; I300
PITCAIRN-VR6	VR6JR still on Nov 16 (11/85)
PORTUGAL	New callsigns in Dec; I310
QATAR-A7	A71AD QSL info Issue 311
SAO TOME-S9	S92LB on 14.183 2030-2330Z4 his QSLs are good for DXCC
SAUDI ARABIA	HZ1AB QRT; I310
SO ORKNEYS	AZ1A on RTTY begins in Dec; I310
SVAALBARD-JW	JW5VAA on again soon; I310
SWAZILAND -3D6	VE3FXT/3D6 there now (1185)
TOKELAUS-ZK3	ZK3RW by ZL1AMO nothing heard
TONGA-A35	A35TN by VK3DET Nov 25-Jan 3.
TRISTAN-ZD9	ZD9BV no reports for some time (11/85)
WALLIS-FW	FW8AF no reports (11/85)
WILLIS-VK9Z	VK9ZB on P29JS 14.220 net at 07Z also active on 40, 80
160 METER NET	With 4X4NJ, 1400Z, Saturday, 14.337 Info 1900-2000 KHz, I310
CONTESTS	ARRL 160 Meter, DEC 7,8 ARRL 10 Meter, Dec 14,15 CQ CW 160, Jan 24-26

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